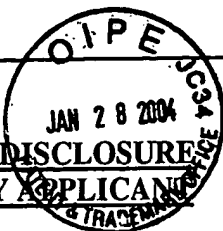


Substitute for Form 1449-A & B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/633,717
Confirmation Number	5697
Filing Date	August 05, 2003
First Named Inventor	Masaru HIRATA
Art Unit	2817
Examiner Name	Unknown
Attorney Docket Number	Q76825

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
L.L.		US 5,115,515	A	05/19/1992	Yamamoto et al.
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FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ² (if known)			
L.L.		EP	0 817 403	A3	07/12/1998	Matsushita Electric Industrial Co., Ltd.	
I		JP	61-73416	A	04/15/1986	NEC Corporation	English Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

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		US			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
LL		CN	1305281	A	07-25-2001		No

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

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